16 Port 10/100Mbps Ethernet Switch

Quick Installation Guide

Model # ANS-16P

FCC Warning

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limitations are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

*Reorient or relocate the receiving antenna.
*Increase the separation between the equipment and receiver.
*Connect the equipment into a different outlet from that the receiver is connected.
*Consult your local distributors or an experienced radio/TV technician for help.
*Shielded interface cables must be used in order to comply with emission limits

Changes or modifications to the equipment, which are not approved by the party responsible for compliance could affect the user's authority to operate the equipment.

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General Description

The device is a powerful, high-performance Fast Ethernet switch, with all 16 ports capable of 10 or 100Mbps auto-negotiation operation (Nway) which means the switch could automatically negotiate with the connected partners on the network speed and duplex mode. It is ideal for micro-segmenting large networks into smaller, connected subnets for improved performance, enabling the bandwidth demanding multimedia and imaging applications. Moreover, the 10/100Mbps auto-sensing ability provides an easy way to migrate 10Mbps to 100Mbps network with no pain. Compared to the shared 10Mbps or 100Mbps networks, the Ethernet Switch delivers a dedicated 10/100Mbps connection to every attached client with no bandwidth congestion issue.

Product Features

*Complies with 10BASE-T specifications of the IEEE802.3 standard
*Complies with 100BASE-TX specifications of the IEEE802.3u standard
*16x RJ-45 ports for 100Base-TX and 10Base-T connectivity
*Supports Nway protocol for speed (10/100Mbps) and duplex mode (Half/Full) auto-detection
*Supports full and half duplex operation on all ports
*Supports back-pressure (half duplex) and flow control (IEEE802.3x)
*Wire speed packet filtering and forwarding rate
*Store-and-forward architecture filters fragment & CRC error packets
*Supports extensive LED indicators for network diagnostics
*External power adapter
*Supports MDI/MDI-X auto crossover
*FCC Class B, CE

Package contents

16 port 10/100Mbps Ethernet Switch

AC power adapter

Quick installation guide

*If any of the items is damaged or missing, please contact your retailer immediately.

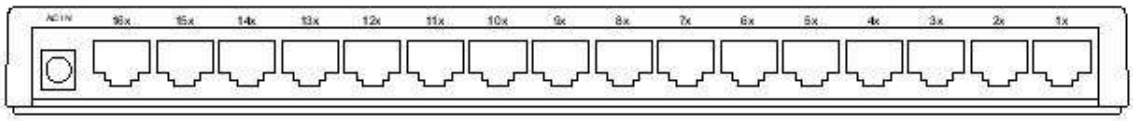
Front panel LED indicators

After installing the switch, you can check its status from the LED indicators on the front panel shown below.

Front View

LED	Color	Status	Indication
POWER (PWR)	GREEN	ON	The switch is power on
		OFF	The switch is power off
LINK / ACT	GREEN	ON	A link is established
		BLINKING	A link is established and data is being transmitted or received

Rear panel ports



Back Panel

Ports 1x - 16x :The switch has eight 10/100Mbps RJ-45 ports where you can connect computers or network devices to the switch.

AC IN : This port connects the AC power adapter.

Power Connecting

Plug the circle end of the power adapter firmly into the power port on the switch rear panel, and the other end into an electric service outlet, then the system is ready.

Connecting computers to the switch

The switch features auto-MDI/MDIX crossover detection function and provides plug-and-play capability. Users can immediately use any of the features of this product simply by plugging the network cables (RJ-45) into the computers and the switch.

Uplink

All Ports can be used as an uplink port for connecting to another unit without using crossover cable. When using the uplink port, you can extend the distance to 100m for linking another switch or hub.

To prolong the operational life of your units

*Never stack units more than eight high if freestanding

*Do not place objects on top of any unit or stack

*Do not obstruct any vents at the sides of the case

*Use only the AC power adapter that came with the switch to prevent damage to the unit.